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<p>(21) International Application Number: PCT/AU98/00315</p> <p>(22) International Filing Date: 1 May 1998 (01.05.98)</p> <p>(30) Priority Data:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">PO 6545</td> <td style="width: 33%;">1 May 1997 (01.05.97)</td> <td style="width: 33%;">AU</td> </tr> <tr> <td>PO 8162</td> <td>22 July 1997 (22.07.97)</td> <td>AU</td> </tr> </table> <p>(71) Applicant (<i>for all designated States except US</i>): THE UNIVERSITY OF SYDNEY [AU/AU]; Parramatta Road, Sydney, NSW 2006 (AU).</p> <p>(72) Inventors; and</p> <p>(75) Inventors/Applicants (<i>for US only</i>): REEVES, Peter, Richard [GB/AU]; 20 Mansfield Street, Glebe, NSW 2037 (AU). WANG, Lei [AU/AU]; 8A Holt Street, North Ryde, NSW 2113 (AU).</p> <p>(74) Agent: GRIFFITH HACK; G.P.O. Box 4164, Sydney, NSW 2001 (AU).</p>		PO 6545	1 May 1997 (01.05.97)	AU	PO 8162	22 July 1997 (22.07.97)	AU	<p>(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).</p> <p>Published <i>With international search report.</i></p>	
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<p>(54) Title: NUCLEIC ACID MOLECULES SPECIFIC FOR BACTERIAL ANTIGENS AND USES THEREOF</p> <p>(57) Abstract</p> <p>The present invention relates to nucleic acid molecules derived from: a gene encoding a transferase; or a gene encoding an enzyme for the transport or processing of a polysaccharide or oligosaccharide unit, including a <i>wzx</i> gene or a <i>wzy</i> gene, or a gene with a similar function; the gene being involved in the synthesis of a particular bacterial polysaccharide antigen, wherein the sequence of the nucleic acid molecule is specific to the particular bacterial polysaccharide antigen. Polysaccharides to which the invention relates include O antigens. The invention also relates to methods of testing samples for the presence of one or more bacterial polysaccharide antigens, using the nucleic acid molecules of the invention, and to kits containing the nucleic acid molecules of the invention.</p>									